

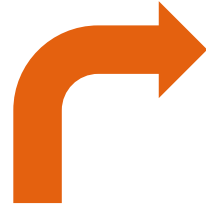
HTEE CITY

A climate resilient Yangon

Alexander de Ruijter / Arcadis NL



Climate Resilient Cities ↔ Water Sensitive Cities

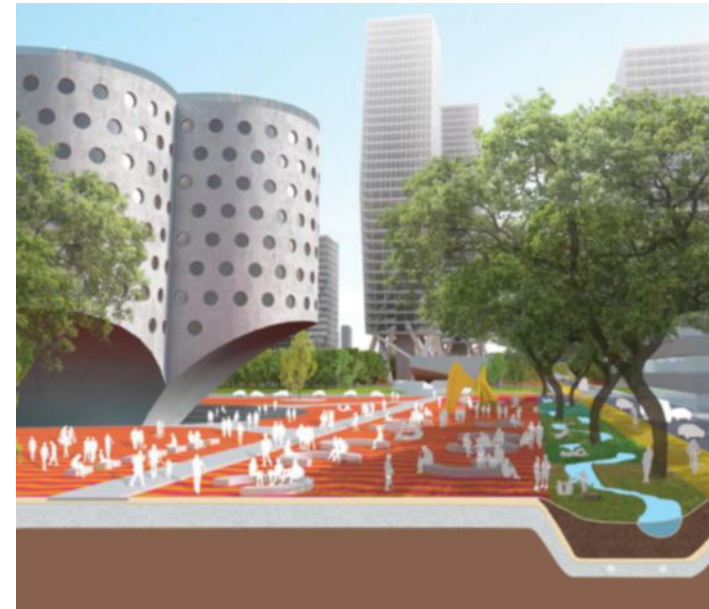


“The ability of a city to absorb disturbances while retaining it’s functioning, the capacity of self-organization, and the capacity to adapt to stress and change.”
(IPCC)



Resilience is understood to require flexibility, learning and change

Sponge city: “A city that can hold, clean, and drain water in a natural way using an ecological approach”
(Yu, 2015)




Water sensitive urban design: “integrating the whole urban water cycle, into urban design to minimize environmental degradation and improve aesthetic and recreational appeal.” (Costa, 2015)

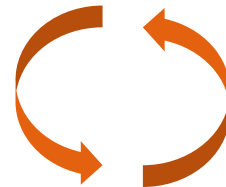


Htee City ---???

Sponge city: “A city is that can hold, clean, and drain water in a natural way using an ecological approach” (Yu, 2015)   



Sustainable Urban Drainage Systems: “replicate the natural systems by using cost-effective solutions to drain away run-off through collection, storage, and cleaning (Sharma, 2008)” 



Climate proof cities: “strengthening the adaptive capacity and reducing the vulnerability of the urban system and to develop strategies and policy instruments for adapting our cities and buildings” (Albers, 2015)   



Water sensitive urban design: “integrating the whole urban water cycle, into urban design to minimize environmental degradation and improve aesthetic and recreational appeal.” (Costa, 2015) 



Arcadis.
Improving quality of life.